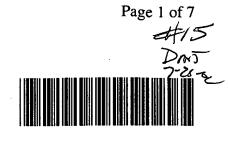
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1642

RAW SEQUENCE LISTING

DATE: 07/12/2002

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PATENT APPLICATION: US/09/674,035A

TIME: 10:40:08

Input Set : A:\227274078.ST25.txt

Output Set: N:\CRF3\07122002\1674035A.raw

3 <110> APPLICANT: Lang, Jas C.

5 <120> TITLE OF INVENTION: Detecting the Expression of the DESC1 Gene in Squamous Cell Carcinoma

7 <130> FILE REFERENCE: 22727/04078

9 <140> CURRENT APPLICATION NUMBER: 09/674,035A

10 <141> CURRENT FILING DATE: 2000-12-11

12 <150> PRIOR APPLICATION NUMBER: PCT/IB99/01818

13 <151> PRIOR FILING DATE: 1999-11-11

15 <160> NUMBER OF SEQ ID NOS: 10

17 <170> SOFTWARE: PatentIn version 3.1

19 <210> SEQ ID NO: 1

20 <211> LENGTH: 1269

21 <212> TYPE: DNA

22 <213> ORGANISM: DESC1

24 <220> FEATURE:

25 <221> NAME/KEY: CDS

26 <222> LOCATION: (1)..(1269)

27 <223> OTHER INFORMATION:

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35 ccc tgg gtt atc ggc ctc gtc atc ttc ata tcc ctg att gtc ctg gca	96
36 Pro Trp Val Ile Gly Leu Val Ile Phe Ile Ser Leu Ile Val Leu Ala	
37 20 25 30	
39 qtg tqc att qqa ctc act qtt cat tat gtg aga tat aat caa aag aag	144
40 Val Cys Ile Gly Leu Thr Val His Tyr Val Arg Tyr Asn Gln Lys Lys	
41 35 40 45	
43 acc tac aat tac tat agc aca ttg tca ttt aca act gac aaa cta tat	192
44 Thr Tyr Asn Tyr Tyr Ser Thr Leu Ser Phe Thr Thr Asp Lys Leu Tyr	
45 50 55 60	
47 gct gag ttt ggc aga gag gct tct aac aat ttt aca gaa atg agc cag	240
48 Ala Glu Phe Gly Arg Glu Ala Ser Asn Asn Phe Thr Glu Met Ser Gln	
49 65 70 75 80	
51 aga ctt gaa tca atg gtg aaa aat gca ttt tat aaa tct cca tta agg	288
52 Arg Leu Glu Ser Met Val Lys Asn Ala Phe Tyr Lys Ser Pro Leu Arg	
53 85 90 95	
55 gaa gaa ttt gtc aag tct cag gtt atc aag ttc agt caa cag aag cat	336
56 Glu Glu Phe Val Lys Ser Gln Val Ile Lys Phe Ser Gln Gln Lys His	
57 100 105 110	
59 gga gtg ttg gct cat atg ctg ttg att tgt aga ttt cac tct act gag	384
60 Gly Val Leu Ala His Met Leu Leu Ile Cys Arg Phe His Ser Thr Glu	301
61 115 120 125	

63 gat cct gaa act gta gat aaa att gtt caa ctt gtt tta cat gaa aag

432

## RAW SEQUENCE LISTING

DATE: 07/12/2002 TIME: 10:40:08 PATENT APPLICATION: US/09/674,035A

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Output Set: N:\CRF3\07122002\1674035A.raw

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	Leu	GIN	Asp	Ата	vaı		Pro	Pro	гаг	vaı	_	Pro	HIS	ser	val	_	
	145			_ 4 _		150					155					160	F20
	att																528
	Ile	ьуs	ьуs	ire		ьуs	Tnr	GIU	Thr	_	ser	Tyr	Leu	ASI		Cys	
73					165				_+_	170					175		576
	tgc			_	-												576
	Cys	GIY	rnr	-	Arg	ser	ьуs	Thr		GTA	GIN	ser	Leu		шe	vaı	
77				180					185					190		~+~	624
	ggt			_	_	-			_					-	_	-	624
	Gly	GTA		GLU	vaı	GIU	GIU	-	GIU	ттр	PIO	ттр		Ата	ser	ьeu	
81			195					200					205				670
	cag		-		_			_		-							672
	Gln	_	Asp	GTA	ser	HlS		Cys	GTA	Ala	Thr		TTE	ASI	ATa	Thr	
85		210					215					220					720
	tgg																720
	Trp	Leu	vaı	ser	Ala		HIS	Cys	Pne	Thr		туг	гуѕ	ASII	PLO		
	225	4				230					235					240	7.00
	aga			-				-					_		_		768
	Arg	Trp	Thr	Ala		Pne	GLY	vaı	Thr		гÀг	Pro	ser	ьуs		ьуs	
93					245					250					255		016
	cgg				-			-		_							816
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97				260					265		<b>.</b>		+	270		+	964
	cat																864
100		ASL	275	_	тте	sei	. цес	280		Leu	ı ser	. sei	. PIC		, PIC	Tyr	
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			tac	ant	caa			ctt	cga	caa			at a	r act	cto	ata	1008
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113	_	01)	- 1 1	. DCI	325			пси	9	330		011	· vu		335		
		act	aca	act			. паа	cct	caa			aat	σασ	, acc		act	1056
	_	-			_		_			_			-	-		Thr	1030
117		MIC		340		Α̈́OI.	010		345		1-			350			
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121			355		0,0		. 011	360			. 011	-1-	365	_		. 0,0	
		gat			gga	gga	Lidda			aσt	t.ca	gat			gat	atc	1152
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125		370			1	1	375					380		5	, <u>-</u> -		
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RAW SEQUENCE LISTING

DATE: 07/12/2002 TIME: 10:40:08 PATENT APPLICATION: US/09/674,035A

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Output Set: N:\CRF3\07122002\I674035A.raw

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152				20					25					30			
155	Val	Cys	Ile	Gly	Leu	Thr	Val	His	Tyr	Val	Arg	Tyr	Asn	Gln	Lys	Lys	
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163	Ala	Glu	Phe	Gly	Arq	Glu	Ala	Ser	Asn	Asn	Phe	Thr	Glu	Met	Ser	Gln	
164				_	-	70					75					80	
167	Arg	Leu	Glu	Ser	Met	Val	Lys	Asn	Ala	Phe	Tyr	Lys	Ser	Pro	Leu	Arg	
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171	Glu	Glu	Phe	Val	Lys	Ser	Gln	Val	Ile	Lys	Phe	Ser	Gln	Gln	Lys	His	
172				100	-				105	-				110	-		
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176	•		115					120		-	_		125				
179	Asp	Pro	Glu	Thr	Val	Asp	Lys	Ile	Val	Gln	Leu	Va1	Leu	His	Glu	Lys	
180	•	130				•	135					140				-	
183	Leu	Gln	Asp	Ala	۷al	Gly	Pro	Pro	Lys	Val	Asp	Pro	His	Ser	Val	Lys	
	145		•			150			•		155					160	
	Ile	Lvs	Lvs	Ile	Asn	Lys	Thr	Glu	Thr	Asp	Ser	Tyr	Leu	Asn	His	Cys	
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212	7	1	204	260	7				265		-10	-1-	-1-	270		_ ==	
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	Gln	Glv		Ser	Glv	Glv	Pro		Va l	Ser	Ser	Asp		Ara	Asp	Ile	
240	Ų	370	1101	001			375					380		5			
	Trp		Leu	Δla	Glv	Tle		Ser	Trp	Glv	Asp		Cvs	Ala	Lvs	Pro	
	385	- 1 -	пси	mu	O <sub>T</sub>	390	· ·	DCI		0-1	395	014	0,0		2,0	400	
	Asn	T.vs	Pro	Glv	Va 1		Thr	Ara	Val	Thr		Len	Ara	Asp	Trp		
248	Mon	טעט	110	OLI	405	-1-	1111	**** 9	,	410	1114	Lou	**** 9	p	415	110	
	Thr	Sar	Luc	Thr		Tla				110					110		
252	1111	Ser	шуз	420	_	110											
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203	~~~.	<i>)</i>	LUEK	TME	JIUM.	LION	•										
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267 268 269 271 272	atg Met 1	tat Tyr tgg	cgg Arg gtt	cca Pro atc Ile	gat Asp 5 ggc	Val ctc	Val gtc	Arg atg	Ala ttc Phe	Arg 10 ata	Lys tcc	Arg ctg	Val att	Cys gtc Val	Trp 15 ctg	Glu gca	
267 268 269 271 272 273	atg Met 1 ccc Pro	tat Tyr tgg Trp	cgg Arg gtt Val	cca Pro atc Ile 20	gat Asp 5 ggc Gly	Val ctc Leu	Val gtc Val	Arg atg Met	Ala ttc Phe 25	Arg 10 ata Ile	Lys tcc Ser	Arg ctg Leu	Val att Ile	Cys gtc Val 30	Trp 15 ctg Leu	Glu gca Ala	96
267 268 269 271 272 273 275	atg Met 1 ccc Pro	tat Tyr tgg Trp	cgg Arg gtt Val att	cca Pro atc Ile 20 gga	gat Asp 5 ggc Gly gtc	Val ctc Leu act	Val gtc Val gtt	Arg atg Met cat	Ala ttc Phe 25 tat	Arg 10 ata Ile gtg	Lys tcc Ser aga	Arg ctg Leu tat	Val att Ile aat	Cys gtc Val 30 caa	Trp 15 ctg Leu aag	Glu gca Ala aag	
267 268 269 271 272 273 275 276	atg Met 1 ccc Pro	tat Tyr tgg Trp	cgg Arg gtt Val att Ile	cca Pro atc Ile 20 gga	gat Asp 5 ggc Gly gtc	Val ctc Leu act	Val gtc Val gtt	atg Met cat	Ala ttc Phe 25 tat	Arg 10 ata Ile gtg	Lys tcc Ser aga	Arg ctg Leu tat	Val att Ile aat Asn	Cys gtc Val 30 caa	Trp 15 ctg Leu aag	Glu gca Ala aag	96
267 268 269 271 272 273 275 276 277	atg Met 1 ccc Pro gtg Val	tat Tyr tgg Trp tgc Cys	cgg Arg gtt Val att Ile 35	cca Pro atc Ile 20 gga Gly	gat Asp 5 ggc Gly gtc Val	Val ctc Leu act Thr	Val gtc Val gtt Val	atg Met cat His 40	ttc Phe 25 tat Tyr	Arg 10 ata Ile gtg Val	tcc Ser aga Arg	Arg ctg Leu tat Tyr	val att Ile aat Asn 45	Cys gtc Val 30 caa Gln	Trp 15 ctg Leu aag Lys	Glu gca Ala aag Lys	96 144
267 268 269 271 272 273 275 276 277	atg Met 1 ccc Pro gtg Val	tat Tyr tgg Trp tgc Cys	cgg Arg gtt Val att Ile 35 aat	cca Pro atc Ile 20 gga Gly	gat Asp 5 ggc Gly gtc Val	Val ctc Leu act Thr	yal gtc val gtt val	atg Met cat His 40 ttg	Ala ttc Phe 25 tat Tyr tca	Arg 10 ata Ile gtg Val ttt	tcc ser aga Arg	Arg ctg Leu tat Tyr act	val att Ile aat Asn 45 gac	Cys gtc Val 30 caa Gln	Trp 15 ctg Leu aag Lys	gca Ala aag Lys	96
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267 268 269 271 272 273 275 276 277 280 281 283	Met 1 ccc Pro gtg Val acc Thr	tat Tyr tgg Trp tgc Cys tac Tyr 50 gag	cgg Arg gtt Val att Ile 35 aat Asn	cca Pro atc Ile 20 gga Gly tac Tyr	gat Asp 5 ggc Gly gtc Val tat Tyr	Val ctc Leu act Thr agc ser	yal gtc val gtt val aca Thr 55 gct	atg Met cat His 40 ttg Leu	Ala ttc Phe 25 tat Tyr tca Ser aac	Arg 10 ata Ile gtg Val ttt Phe	tcc Ser aga Arg aca Thr	ctg Leu tat Tyr act Thr 60 aca	val att Ile aat Asn 45 gac Asp	Cys gtc Val 30 caa Gln aaa Lys	Trp 15 ctg Leu aag Lys cta Leu	Glu gca Ala aag Lys tat Tyr cag	96 144
267 268 269 271 272 273 275 276 277 280 281 283 284	atg Met 1 ccc Pro gtg Val acc Thr	tat Tyr tgg Trp tgc Cys tac Tyr 50 gag	cgg Arg gtt Val att Ile 35 aat Asn	cca Pro atc Ile 20 gga Gly tac Tyr	gat Asp 5 ggc Gly gtc Val tat Tyr	val ctc Leu act Thr agc Ser gag Glu	yal gtc val gtt val aca Thr 55 gct	atg Met cat His 40 ttg Leu	Ala ttc Phe 25 tat Tyr tca Ser aac	Arg 10 ata Ile gtg Val ttt Phe	tcc ser aga Arg aca Thr	ctg Leu tat Tyr act Thr 60 aca	val att Ile aat Asn 45 gac Asp	Cys gtc Val 30 caa Gln aaa Lys	Trp 15 ctg Leu aag Lys cta Leu	Glu gca Ala aag Lys tat Tyr cag Gln	96 144 192
267 268 269 271 272 273 275 276 277 280 281 283 284 285	Met 1 ccc Pro gtg Val acc Thr gct Ala 65	tat Tyr tgg Trp tgc Cys tac Tyr 50 gag Glu	cgg Arg gtt Val att Ile 35 aat Asn ttt Phe	cca Pro atc Ile 20 gga Gly tac Tyr	gat Asp 5 ggc Gly gtc Val tat Tyr aga Arg	val ctc Leu act Thr agc Ser gag Glu 70	yal gtc val gtt val aca Thr 55 gct Ala	atg Met cat His 40 ttg Leu tct ser	Ala ttc Phe 25 tat Tyr tca Ser aac Asn	Arg 10 ata Ile gtg Val ttt Phe aat Asn	tcc ser aga Arg aca Thr ttt Phe 75	ctg Leu tat Tyr act Thr 60 aca Thr	val att Ile aat Asn 45 gac Asp gaa Glu	Cys gtc Val 30 caa Gln aaa Lys atg Met	Trp 15 ctg Leu aag Lys cta Leu agc ser	Glu gca Ala aag Lys tat Tyr cag Gln 80	96 144 192 240
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267 268 269 271 272 273 275 276 277 280 281 283 284 285 287 288	Met 1 ccc Pro gtg Val acc Thr gct Ala 65	tat Tyr tgg Trp tgc Cys tac Tyr 50 gag Glu	gtt Val att Ile 35 aat Asn ttt Phe	cca Pro atc Ile 20 gga Gly tac Tyr ggc Gly	gat Asp 5 ggc Gly gtc Val tat Tyr aga Arg atg Met	val ctc Leu act Thr agc ser gag Glu 70 gtg	yal gtc val gtt val aca Thr 55 gct Ala	atg Met cat His 40 ttg Leu tct Ser	Ala ttc Phe 25 tat Tyr tca Ser aac Asn gca	Arg 10 ata Ile gtg Val ttt Phe aat Asn	tcc ser aga Arg aca Thr ttt Phe 75 tat	ctg Leu tat Tyr act Thr 60 aca Thr	val att Ile aat Asn 45 gac Asp gaa Glu tct	Cys gtc Val 30 caa Gln aaa Lys atg Met cca	Trp 15 ctg Leu aag Lys cta Leu agc ser tta Leu	Glu gca Ala aag Lys tat Tyr cag Gln 80 agg	96 144 192 240
267 268 269 271 272 273 275 276 277 280 281 283 284 285 287 288 289	atg Met 1 ccc Pro gtg Val acc Thr gct Ala 65 aga Arg	tat Tyr tgg Trp tgc Cys tac Tyr 50 gag Glu ctt Leu	gtt Val att Ile 35 aat Asn ttt Phe gaa Glu	cca Pro atc Ile 20 gga Gly tac Tyr ggc Gly tca Ser	gat Asp 5 ggc Gly gtc Val tat Tyr aga Arg atg Met 85	val ctc Leu act Thr agc ser gag Glu 70 gtg Val	yal gtc val gtt val aca Thr 55 gct Ala aaa Lys	atg Met cat His 40 ttg Leu tct ser aat Asn	ttc Phe 25 tat Tyr tca Ser aac Asn gca Ala	Arg 10 ata Ile gtg Val ttt Phe aat Asn ttt Phe 90	tcc ser aga Arg aca Thr ttt Phe 75 tat Tyr	ctg Leu tat Tyr act Thr 60 aca Thr	val att Ile aat Asn 45 gac Asp gaa Glu tct ser	Cys gtc Val 30 caa Gln aaa Lys atg Met cca Pro	Trp 15 ctg Leu aag Lys cta Leu agc ser tta Leu 95	Glu gca Ala aag Lys tat Tyr cag Gln 80 agg Arg	96 144 192 240 288
267 268 269 271 272 273 275 276 277 280 281 283 284 285 287 288 289 291	atg Met 1 ccc Pro gtg Val acc Thr gct Ala 65 aga Arg	tat Tyr tgg Trp tgc Cys tac Tyr 50 gag Glu ctt Leu	gtt Val att Ile 35 aat Asn ttt Phe gaa Glu	cca Pro atc Ile 20 gga Gly tac Tyr ggc Gly tca ser	gat Asp 5 ggc Gly gtc Val tat Tyr aga Arg atg Met 85 aag	val ctc Leu act Thr agc Ser gag Glu 70 gtg Val	yal gtc val gtt val aca Thr 55 gct Ala aaa Lys	atg Met cat His 40 ttg Leu tct ser aat Asn	ttc Phe 25 tat Tyr tca Ser aac Asn gca Ala	Arg 10 ata Ile gtg Val ttt Phe aat Asn ttt Phe 90 aag	tcc ser aga Arg aca Thr ttt Phe 75 tat Tyr	ctg Leu tat Tyr act Thr 60 aca Thr aaa Lys	val att Ile aat Asn 45 gac Asp gaa Glu tct ser caa	Cys gtc Val 30 caa Gln aaa Lys atg Met cca Pro cag	Trp 15 ctg Leu aag Lys cta Leu agc ser tta Leu 95 aag	Glu gca Ala aag Lys tat Tyr cag Gln 80 agg Arg cat	96 144 192 240
267 268 269 271 272 273 275 276 277 280 281 283 284 285 287 288 289 291	atg Met 1 ccc Pro gtg Val acc Thr gct Ala 65 aga Arg	tat Tyr tgg Trp tgc Cys tac Tyr 50 gag Glu ctt Leu	gtt Val att Ile 35 aat Asn ttt Phe gaa Glu	cca Pro atc Ile 20 gga Gly tac Tyr ggc Gly tca Ser	gat Asp 5 ggc Gly gtc Val tat Tyr aga Arg atg Met 85 aag	val ctc Leu act Thr agc Ser gag Glu 70 gtg Val	yal gtc val gtt val aca Thr 55 gct Ala aaa Lys	atg Met cat His 40 ttg Leu tct ser aat Asn	ttc Phe 25 tat Tyr tca Ser aac Asn gca Ala atc	Arg 10 ata Ile gtg Val ttt Phe aat Asn ttt Phe 90 aag	tcc ser aga Arg aca Thr ttt Phe 75 tat Tyr	ctg Leu tat Tyr act Thr 60 aca Thr aaa Lys	val att Ile aat Asn 45 gac Asp gaa Glu tct ser caa	Cys gtc Val 30 caa Gln aaa Lys atg Met cca Pro cag Gln	Trp 15 ctg Leu aag Lys cta Leu agc ser tta Leu 95 aag	Glu gca Ala aag Lys tat Tyr cag Gln 80 agg Arg cat	96 144 192 240 288
267 268 269 271 272 273 275 276 277 280 281 283 284 285 287 288 289 291 292	Met 1 ccc Pro gtg Val acc Thr gct Ala 65 aga Arg gaa Glu	tat Tyr tgg Trp tgc Cys tac Tyr 50 gag Glu ctt Leu gaa Glu	gtt Val att Ile 35 aat Asn ttt Phe gaa Glu ttt	cca Pro atc Ile 20 gga Gly tac Tyr ggc Gly tca Ser gtc Val 100	gat Asp 5 ggc Gly gtc Val tat Tyr aga Arg Met 85 aag Lys	val ctc Leu act Thr agc Ser gag Glu 70 gtg Val tct	yal gtc val gtt val aca Thr 55 gct Ala aaa Lys cag Gln	atg Met cat His 40 ttg Leu tct ser aat Asn gtt Val	ttc Phe 25 tat Tyr tca Ser aac Asn gca Ala atc Ile 105	Arg 10 ata Ile gtg Val ttt Phe aat Asn ttt Phe 90 aag Lys	tcc ser aga Arg aca Thr ttt Phe 75 tat Tyr	Arg ctg Leu tat Tyr act Thr 60 aca Thr aaa Lys agt Ser	att Ile aat Asn 45 gac Asp gaa Glu tct Ser caa Gln	Cys gtc Val 30 caa Gln aaa Lys atg Met cca Pro cag Gln 110	Trp 15 ctg Leu aag Lys cta Leu agc ser tta Leu 95 aag Lys	Glu gca Ala aag Lys tat Tyr cag Gln 80 agg Arg cat His	96 144 192 240 288 336
267 268 269 271 272 273 275 276 277 280 281 283 284 285 287 288 289 291 292 293 295	atg Met 1 ccc Pro gtg Val acc Thr gct Ala 65 aga Arg	tat Tyr tgg Trp tgc Cys tac Tyr 50 gag Glu ctt Leu gaa Glu	gtt Val att Ile 35 aat Asn ttt Phe gaa Glu ttt	cca Pro atc Ile 20 gga Gly tac Tyr ggc Gly tca Ser gtc Val 100 gct	gat Asp 5 ggc Gly gtc Val tat Tyr aga Arg Met 85 aag Lys	val ctc Leu act Thr agc Ser gag Glu 70 gtg Val tct Ser atg	yal gtc val gtt val aca Thr 55 gct Ala aaa Lys cag Gln ctg	atg Met cat His 40 ttg Leu tct ser aat Asn gtt Val	ttc Phe 25 tat Tyr tca Ser aac Asn gca Ala atc Ile 105 att	Arg 10 ata Ile gtg Val ttt Phe aat Asn ttt Phe 90 aag Lys tgt	tcc ser aga Arg aca Thr ttt Phe 75 tat Tyr ttc Phe	Arg ctg Leu tat Tyr act Thr 60 aca Thr aaa Lys agt Ser	val att Ile aat Asn 45 gac Asp gaa Glu tct Ser caa Gln cac	Cys gtc Val 30 caa Gln aaa Lys atg Met cca Pro cag Gln 110 tct	Trp 15 ctg Leu aag Lys cta Leu agc ser tta Leu 95 aag Lys act	Glu gca Ala aag Lys tat Tyr cag Gln 80 agg Arg cat His	96 144 192 240 288

## RAW SEQUENCE LISTING PATENT APPLICATION: US/09/674,035A DATE: 07/12/2002 TIME: 10:40:08

Input Set : A:\227274078.ST25.txt

Output Set: N:\CRF3\07122002\I674035A.raw

297			115					120					125				
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	-		-		-	_			-			Val					
301		130					135					140				4	
	cta		gat	act	σta	σσα		cct	aaa	αta	gat	cct	cac	tca	at.t.	aaa	480
												Pro					
	145	GIII	пэр	пта	vul	150		110	БуЗ	vu.	155	110	1110	501	, 41	160	
		222	222	2+0	220			~~~	202	~~~		tat	ot a	220	ast		528
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	116	гуѕ	гÀг	rre		гая	THE	GIU	TILL	_	ser	TÀT	Leu	ASII	175	Cys	
309	<b>.</b>				165					170			-+-			~++	576
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	Cys	GTA	Tnr	-	Arg	ser	ьуs	Thr		СТА	GIII	Ser	ьец		ше	val	
313				180					185					190			604
												tgg -					624
	Gly	Gly		Glu	Val	Glu	Glu		GLu	Trp	Pro	Trp		Ala	Ser	Leu	
317			195					200					205				
												tta					672
320	Gln	$\mathtt{Trp}$	Asp	Gly	Ser	His	Arg	Cys	Gly	Ala	Thr	Leu	Ile	Asn	Ala	Thr	
321		210					215					220					
				-	_	-		_				tat	_				720
324	${\tt Trp}$	Leu	Val	Ser	Ala	Ala	His	Cys	Phe	Thr	Thr	Tyr	Lys	Asn	Pro	Ala	
325	225					230					235					240	
327	aga	tgg	act	gct	tcc	ttt	gga	gta	aca	ata	aaa	cct	tcg	aaa	atg	aaa	768
328	Arg	Trp	Thr	Ala	Ser	Phe	Gly	Val	Thr	Ile	Lys	Pro	Ser	Lys	Met	Lys	
329					245					250					255		
331	cgg	ggt	ctc	cgg	aga	ata	att	gtc	cat	gaa	aaa	tac	aaa	cac	cca	tca	816
332	Arg	Gly	Leu	Arg	Arg	Ile	Ile	Val	His	Glu	Lys	Tyr	Lys	His	Pro	Ser	
333	_			260					265					270			
335	cat	gac	tat	gat	att	tct	ctt	gca	gag	ctt	tct	agc	cct	gtt	ccc	tac	864
336	His	Asp	Tyr	Asp	Ile	Ser	Leu	Ala	Glu	Leu	Ser	Ser	Pro	Val	Pro	Tyr	
337		_	275	-				280					285				
339	aca	aat	qca	qta	cat	aga	qtt	tqt	ctc	cct	gat	gca	tcc	tat	gag	ttt	912
												Āla					
341		290				_	295	-			-	300		-			
343	caa	cca	aat	gat	ata	atσ	ttt	ata	aca	qqa	ttt	gga	qca	ctq	aaa	aat	960
												Gly					
	305					310					315	-			-	320	
		aat.	tac	aαt.	caa		cat	ctt	cσa	caa		cag	ata	act	ctc	ata	1008
348	Asp	Glv	Tvr	Ser	Gln	Asn	His	Leu	Ara	G1n	Ala	Gln	Val	Thr	Leu	Ile	
349		1	-1-		325					330					335		
	gac	act	aca	act		aat	αаа	cct	caa		tac	aat	gac	acc		act	1056
												Asn					
353	шор	1114		340	010	11011	Olu	110	345		-1-	11011		350			
	cct	ana	ato		t at	act	σσο	tcc		паа	απa	aaa	aca		αca	fac	1104
												Lys					
357	110	**** 9	355	LCu	013	111U	J-1	360	204	JIU	U-1	-10	365			J, J	
	can	aa+		tot	ana	aas	CCa		at+	agt.	tca	gat		aga	σat	atc	1152
												Asp					1102
361	0111	370	Tob	DET	Gry	GTY	375	Leu	V U.L	DGI	JUL	380	٠, ٢ ١	**** 9	٦٥٢		
201		5/0					5/5					500					

VERIFICATION SUMMARY

DATE: 07/12/2002

PATENT APPLICATION: US/09/674,035A

TIME: 10:40:09

Input Set : A:\227274078.ST25.txt

Output Set: N:\CRF3\07122002\1674035A.raw